

# APPENDIX B

## APPROVED BACKFLOW PREVENTION

### ASSEMBLIES / DEVICES

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF DRINKING WATER

CROSS CONNECTION CONTROL PROGRAM

MARCH 2003

FOR CONTAINMENT PURPOSES ONLY

To gain Division of Drinking Water approval for use within a public drinking water system, all backflow prevention assemblies must be in-line serviceable (repairable), in-line testable and have certification through third party certifying agencies. The third party certification will consist of any combination of two laboratory or field test certifications. Acceptable third party laboratory certifying agencies are; ASSE (American Society of Sanitary Engineers), IAPMO (International Association of Plumbing/Mechanical Officials), and the University of Southern California Foundation for Cross Connection Control and Hydraulic Research (USC-FCCCHR). The USC-FCCCHR currently provides the only field testing of backflow protection assemblies.

All backflow prevention devices must have third party certification as mentioned above.

Every attempt has been made to ensure accuracy. If there are errors or omissions in this listing, Please contact the Division of Drinking Water at (801) 536-0089. Documentation of the listing will need to be supplied in accordance with the written provisions of the Guidance Document.

**Backflow assemblies shall be listed for the orientation proposed for, or as-built installation.**

Manufacture and Approved Orientation	Spare Parts Only	Model #	Sizes	I A P M O	A S S E	U S C	USC Approved Edition	USC Approved Date	USC Renewed Date
<b>DOUBLE CHECK VALVE ASSEMBLIES</b>									
<b>Ames Company</b>	*	DC	4", 6"			X	6th	06/14/85	2000
	*	DC	8"			X	7th	08/04/87	2002
		2000 B	1/2"		X	X	8th	12/06/93	
		2000 B	1/2"		X	X	9th	06/16/97	2000
Vertical Up		2000 B	1/2"			X	8th	04/19/96	
Vertical Up		2000 B	1/2"			X	9th	06/16/97	2000
		2000 B	3/4"		X	X	8th	04/05/93	2002
Vertical Up		2000 B	3/4"			X	8th	08/27/96	2002
		2000 B	1"		X	X	9th	05/18/98	2001
Vertical Up		2000 B	1"		X	X	9th	05/18/98	2001
Horizontal & Vertical Up		2000 B	1 1/4"			X	8th	10/01/96	2002
		2000 B	1 1/2"		X	X	8th	05/24/94	2000
Vertical Up		2000 B	1 1/2"		X	X	8th	03/11/96	2002
		2000 B	2"		X	X	8th	06/30/92	2001
Vertical Up		2000 B	2"			X	8th	03/08/96	2002
Horizontal & Vertical Up		2000 BM3	3/4"			X	9th	03/27/00	
		2000 CIV	4"		X	X	6th	01/15/82	2003
Vertical Up		2000 CIV	4"		X	X	8th	03/11/96	2002
		2000 CIV	6"		X	X	6th	05/18/82	2000
		2000 CIV	8"		X	X	6th	07/06/81	2002
		2000 CIV	10"		X	X	6th	03/16/83	2001
Vertical Up		2000 CIV	6", 8", 10"		X	X	8th	12/05/96	2002

Manufacture and Approved Orientation	Spare Parts Only	Model #	Sizes	I A P O	A S S E	U S C	USC Approved Edition	USC Approved Date	USC Renewed Date
		2000-DC (Formerly DC)	10"			X	7th	08/04/87	2002
		2000-G-DC (Formerly DC)	10"			X	7th	08/04/87	2002
		2000-DCA (Formerly DCA)	4", 6", 8"		X	X	7th	01/11/88	2003
		2000-G-DCA	4", 6", 8"		X	X	7th	01/11/88	2003
		2000 SE	2 1/2"		X	X	8th	09/10/96	2002
		2000 SE	6"		X	X	8th	11/22/93	2002
		2000 SE	8"	X	X	X	8th	09/09/92	2001
	*	2000 SS	3/4", 1"	X	X	X	8th	05/05/95	2001
	*	2000 SS	1 1/4"		X	X	8th	07/14/95	2001
	*	2000 SS	1 1/2", 2"		X	X	8th	10/13/95	2001
		2000 SS	2 1/2", 3"		X	X	8th	07/11/91	2000
		2000 SS	4"		X	X	8th	07/11/91	2000
		2000 SS	6"		X	X	8th	09/09/92	2001
		2000 SS	8"		X	X	8th	09/16/96	2002
		2000 SS	10"		X	X	8th	02/16/01	
		2000 SS-M	4", 6"			X	8th	05/05/95	2001
Horizontal & Vertical Up		Colt 200a	2 1/2", 3", 4"		X	X	9th	10/07/02	
Horizontal & Vertical Up		Maxim 200a	2 1/2", 3"		X	X	9th	10/07/02	
<b>Beeco - See Hersey/Grinnell</b>									
<b>Buckner</b>	*	24100	3/4"	X		X	8th	04/01/91	2000
	*	24101	1"	X		X	8th	04/01/91	2000
	*	24102	1 1/4"	X		X	8th	04/01/91	2000
	*	24103	1 1/2"	X		X	8th	04/01/91	2000
	*	24104	2"	X		X	8th	04/01/91	2000
	*	24100/25	3/4"	X		X	8th	04/01/91	2000
	*	24101/25	1"	X		X	8th	04/01/91	2000
	*	24102/25	1 1/4"	X		X	8th	10/31/89	2001
	*	24103/25	1 1/2"	X		X	8th	10/31/89	2001
	*	24104/25	2"	X		X	8th	10/31/89	2001
<b>Cla-Val</b>		D2	1 1/4", 1 1/2"			X	5th	11/06/76	2000
		D2	3/4", 1"			X	5th	04/19/77	2001
		D4	2"-10"			X	8th	06/22/89	2001
		DC6LB	3/4"			X	8th	05/04/94	2000
Vertical Up		DC6LB	3/4"			X	8th	04/23/96	2002
		DC6LW	3/4", 1"			X	6th	05/13/82	2000

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		DC6LW	1 1/2", 2"			X	6th	01/05/83	2001
		DC7LW	2 1/2"-10"			X	7th	06/19/87	2002
		DC7LY	2 1/2"-10"			X	7th	06/19/87	2002
		DC8LW	4", 6"			X	8th	05/04/94	2000
		DC8LW	8"			X	8th	10/04/95	2001
Vertical Up		DC8LW	4"			X	8th	02/07/95	2001
Vertical Up		DC8LW	6"			X	8th	05/31/95	2001
		DC8LY	4", 6"			X	8th	05/04/84	2000
		DC8LY	8"			X	8th	10/04/95	2001
Vertical Up		DC8LY	4"			X	8th	02/07/95	2001
Vertical Up		DC8LY	6"			X	8th	05/31/95	2001
	*	DC8NW	2 1/2", 3"			X	8th	03/10/95	2001
	*	DC8NW	4", 6"			X	8th	05/08/95	2001
	*	DC8NW	8"			X	8th	05/24/95	2001
	*	DC8NW	10"			X	8th	10/04/96	2002
	*	DC8NY	2 1/2", 3"			X	8th	03/10/95	2001
	*	DC8NY	4", 6"			X	8th	05/08/95	2001
	*	DC8NY	8"			X	8th	05/24/95	2001
	*	DC8NY	10"			X	8th	10/04/96	2002
N & Z Configurations		DC8VW	2 1/2", 3", 4", 6"			X	8th	03/08/96	2002
N & Z Configurations		DC8VW	8"			X	8th	01/06/97	2003
N & Z Configurations		DC8VW	10"			X	8th	07/11/97	2000
N & Z Configurations		DC8VY	2 1/2", 3", 4", 6"			X	8th	03/08/96	2002
N & Z Configurations		DC8VY	8"			X	8th	01/06/97	2003
N & Z Configurations		DC8VY	10"			X	8th	07/11/97	2000
<b>Conbraco</b>									
Horizontal & Vertical Up		1/2DC	1/2"		X	X	9th	09/18/00	
Horizontal & Vertical Up		2 1/2DC	2 1/2"		X	X	9th	10/16/00	
Horizontal & Vertical Up		2 1/2DC-7	2 1/2"			X	9th	10/23/01	
V-up inlet/ V-down outlet		2 1/2DCU	2 1/2"			X	9th	04/10/01	
Horizontal & Vertical Up		3DC	3"		X	X	9th	10/16/00	
Horizontal & Vertical Up		3DC-7	3"			X	9th	10/23/01	
V-up inlet/ V-down outlet		3DCU	3"			X	9th	04/10/01	
Horizontal & Vertical Up		4DC	4"		X	X	9th	10/16/00	
Horizontal & Vertical Up		4DC-7	4"			X	9th	10/23/01	
V-up inlet/ V-down outlet		4DCU	4"			X	9th	04/10/01	
Horizontal & Vertical Up		6DC	6"		X	X	9th	10/16/00	

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				<u>P</u>	<u>S</u>	<u>S</u>			
Horizontal & Vertical Up		6DC-7	6"			X	9th	10/23/01	
V-up inlet/ V-down outlet		6DCU	6"			X	9th	04/10/01	
Horizontal & Vertical Up		8DC	8"		X	X	9th	01/16/03	
Horizontal & Vertical Up		10DC	10"		X	X	9th	01/16/03	
		40-100-02	3"		X	X	8th	04/08/91	2000
		40-100-03	3"			X	8th	04/08/91	2000
		40-100-05	3"			X	8th	12/08/98	2001
		40-103-02	1/2"		X	X	8th	05/01/95	2001
		40-104-02	3/4"	X	X	X	8th	03/17/89	2001
(Formerly 40-104-99T)		40-104-T2	3/4"		X	X	8th	06/27/96	2002
		40-104-A2	3/4"		X	X	8th	06/21/93	2002
		40-104-A2T	3/4"			X	8th	03/25/92	2001
		40-104-TC2	3/4"			X	8th	11/30/98	2001
		40-105-02	1"	X	X	X	8th	03/17/89	2001
(Formerly 40-105-99T)		40-105-T2	1"		X	X	8th	06/27/96	2002
		40-105-A2	1"		X	X	8th	06/21/93	2002
		40-105-A2T	1"		X	X	8th	03/25/92	2001
		40-105-TC2	1"		X	X	8th	11/30/98	2001
		40-106-02	1 1/4"		X	X	8th	04/06/92	2001
		40-106-A2	1 1/4"		X	X	8th	06/21/93	2002
		40-106-A2T	1 1/4"		X	X	8th	05/22/93	2002
(Formerly 40-106-99T)		40-106-T2	1 1/4"		X	X	8th	10/09/96	2002
		40-107-02	1 1/2"	X		X	8th	03/17/98	2001
		40-107-A2	1 1/2"		X	X	8th	05/22/93	2002
		40-107-A2T	1 1/2"		X	X	8th	05/22/93	2002
(Formerly 40-107-99T)		40-107-T2	1 1/2"		X	X	8th	10/09/96	2002
		40-108-02	2"			X	8th	03/17/89	2001
		40-108-A2	2"		X	X	8th	05/22/93	2002
		40-108-A2T	2"		X	X	8th	05/22/93	2002
(Formerly 40-108-99T)		40-108-T2	2"		X	X	8th	10/09/96	2002
		40-109-02	2 1/2"	X	X	X	8th	04/08/91	2000
		40-109-03	2 1/2"			X	8th	04/08/91	2000
		40-109-05	2 1/2"		X	X	8th	12/08/98	2001
		40-10A-02	4"		X	X	8th	04/08/91	2000
		40-10A-03	4"			X	8th	04/08/91	2000
		40-10A-05	4"		X	X	8th	12/08/98	2001
		40-10A-06	4"			X	8th	02/01/00	
		40-10C-02	6"		X	X	8th	04/08/91	2000

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		40-10C-03	6"			X	8th	04/08/91	2000
		40-10C-05	6"		X	X	8th	12/08/98	2001
		40-10C-06	6"			X	8th	02/01/00	
		40-10E-02	8"		X	X	8th	10/22/91	2000
		40-10E-03	8"			X	8th	10/22/91	2000
		40-10E-06	8"			X	8th	02/01/00	
		40-10G-02	10"		X	X	8th	04/13/93	2002
		40-10G-03	10"			X	8th	04/13/93	2002
		40-10G-06	10"			X	8th	02/01/00	
Febco	*	805	3/4", 1", 1 1/2", 2"			X	4th	04/29/74	2001
	*	805	3", 4"			X	4th	01/07/73	2000
		805Y	3/4", 1"	X	X	X	6th	05/13/82	2000
		805YR	3/4", 1"			X	8th	01/22/93	2002
		805YB	3/4"			X	8th	05/04/94	2000
	Vertical Up	805YB	3/4"			X	8th	04/16/96	2002
		805Y	1 1/2", 2"	X	X	X	6th	01/05/83	2001
	*	805Y	2 1/2"	X		X	6th	03/07/83	2001
	*	805Y	3", 4"	X	X	X	6th	08/04/82	2000
	*	805Y (Formerly 805)	6", 8"	X	X	X	5th	08/26/77	2001
	*	805Y (Formerly 805)	10"	X		X	5th	05/31/78	2002
(Formerly 805 Type YD)		805YD	2 1/2", 3", 4", 6", 8", 10"	X	X	X	7th	06/19/87	
		850	1/2"		X	X	9th	11/21/97	2000
Vertical Up		850	1/2"		X	X	9th	12/17/99	2002
Vertical Down		850	1/2"		X	X	9th	04/13/00	
Vertical Down		850	3/4"		X	X	9th	04/10/00	
Vertical Up		850	3/4"		X	X	9th	12/17/99	2000
		850	3/4", 1", 1 1/4"		X	X	9th	11/21/97	2000
Vertical Down		850	1"		X	X	9th	01/14/00	2003
Vertical Up		850	1"		X	X	9th	09/07/00	
Vertical Up		850	1 1/4"		X	X	9th	07/17/99	2002
Vertical Down		850	1 1/4"		X	X	9th	04/13/00	
		850	1 1/2"		X	X	9th	02/19/98	2001
Vertical Up		850	1 1/2"		X	X	9th	07/17/99	2002
Vertical Down		850	1 1/2"		X	X	9th	04/13/00	
		850	2"		X	X	9th	02/19/98	2001
Vertical Down		850	2"		X	X	9th	04/10/00	
Vertical Up		850	2"		X	X	9th	07/17/99	2002

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		850	2 1/2", 3"		X	X	8th	03/14/97	2000
Vertical Up		850	2 1/2", 3"		X	X	8th	03/19/97	2000
		850	4", 6"	X	X	X	8th	05/04/94	2000
		850	8"			X	8th	10/04/95	2001
Vertical Up		850	4"			X	8th	02/07/95	2001
Vertical Up		850	6"			X	8th	05/31/95	2001
Vertical Up		850	8"		X	X	8th	10/14/96	2002
Horizontal, Vertical Up, Vertical Down		850F	3/4"			X	9th	09/28/01	
		850U	1/2"		X	X	9th	10/12/98	2001
Vertical Up		850U	1/2"			X	9th	12/17/99	2002
Vertical Down		850U	1/2"			X	9th	10/16/00	
		850U	3/4"		X	X	9th	03/08/99	2002
Vertical Down		850U	3/4"			X	9th	10/16/00	
Vertical Up		850U	3/4"			X	9th	12/17/99	2002
		850U	1"		X	X	9th	08/04/99	2002
Vertical Down		850U	1"			X	9th	01/14/00	2003
Vertical Up		850U	1"			X	9th	10/16/00	
		850U	1 1/4", 1 1/2", 2"		X	X	9th	10/12/98	2001
Vertical Up		850U	1 1/4", 1 1/2", 2"			X	9th	08/04/99	2002
Vertical Down		850U	1 1/4", 1 1/2", 2"			X	9th	10/16/00	
		870	2 1/2", 3"		X	X	8th	03/10/95	2001
		870	4", 6"	X	X	X	8th	05/04/94	2000
		870	8"		X	X	8th	05/24/94	2000
		870	10"		X	X	8th	10/02/96	2002
N & Z Configurations		870V	2 1/2", 3", 4", 6"		X	X	8th	03/08/96	2002
N & Z Configurations		870V	8"		X	X	8th	01/06/97	2003
N & Z Configurations		870V	10"		X	X	8th	07/11/97	2000
<b>Flomatic</b>		DCV	3/4", 1"		X	X	8th	05/04/94	2000
		DCV	1 1/2", 2"		X	X	8th	01/05/00	2001
		DCV	2 1/2", 3"		X	X	8th	02/14/97	2000
		DCV	4"		X	X	9th	07/01/99	2002
		DCV	6"		X	X	9th	01/31/02	
		DCVE	3/4", 1", 1 1/2", 2"			X	8th	06/07/01	
<b>Hersey/Grinnell</b>		2	3", 4"	X		X	5th	12/27/78	2002
		2	6"	X		X	5th	12/22/78	2002
		2	8"	X		X	6th	07/06/81	2002

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				P	S	S			
				O	E	C			
		2	10"	X		X	6th	02/19/82	2000
		FDC	3/4"	X		X	5th	10/11/76	2000
		FDC	1"	X		X	8th	02/15/94	2000
		FDC	1 1/2"	X		X	5th	08/01/79	2000
		FDC	2"	X		X	5th	12/20/78	2002
<b>Neptune - See Wilkins</b>									
<b>Richwell - See Wilkins</b>									
<b>SMR - See Wilkins</b>									
<b>Watts</b>									
		007	2 1/2", 3"	X	X	X	8th	09/30/90	2002
Vertical Up		007	2 1/2", 3"		X	X	8th	08/27/96	2002
		007QT	1/2"		X	X	8th	12/06/93	
		007QT	1/2"		X	X	9th	06/16/97	2000
Vertical Up		007QT	1/2"		X	X	8th	04/19/96	
Vertical Up		007QT	1/2"		X	X	9th	06/16/97	2000
	*	007QT	3/4", 1"		X	X	7th	01/11/88	2003
	*	007QT	1 1/2", 2"			X	7th	07/21/88	2000
		007PCQT	1/2"			X	8th	02/17/95	2001
	*	007PCQT	1 1/2", 2"			X	8th	09/27/94	2000
	*	007M1QT	3/4"			X	8th	02/26/91	2000
		007M1QT	1"			X	8th	02/26/91	
		007M1QT	1"			X	9th	05/18/98	2001
Vertical Up		007M1QT	1"			X	9th	05/18/98	2001
	*	007M1QT	1 1/2"			X	8th	06/30/92	2001
		007M1QT	2"		X	X	8th	06/30/92	2001
Vertical Up		007M1QT	2"		X	X	8th	03/08/96	2002
		007M1PCQT	3/4", 1"			X	8th	12/10/93	2000
	*	007M1PCQT	1 1/2"			X	8th	09/27/94	2000
		007M1PCQT	2"			X	8th	09/27/94	2000
		007M2QT	3/4"	X	X	X	8th	04/05/93	2002
Vertical Up		007M2QT	3/4"		X	X	8th	08/27/96	2002
Horizontal & Vertical Up		007M2QT	1 1/4"		X	X	8th	10/01/96	2002
Horizontal & Vertical Up		007M2PCQT	1 1/4"			X	8th	12/09/96	2002
		007M2QT	1 1/2"	X		X	8th	05/24/94	2000
Vertical Up		007M2QT	1 1/2"		X	X	8th	03/11/96	2002



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		007M2PCQT	1 1/2"		X	X	8th	09/12/94	2000
Horizontal & Vertical Up		007M3QT	3/4"	X		X	9th	10/18/99	2002
	*	007SSQT	3/4", 1"			X	7th	01/11/88	2003
	*	007SSQT	1 1/2", 2"			X	7th	07/21/88	2000
	*	007SSPCQT	1 1/2", 2"			X	8th	09/27/94	2000
	*	007SSM1QT	3/4", 1"			X	8th	02/26/91	2000
	*	007SSM1PCQT	3/4", 1"			X	8th	12/10/93	2002
	*	700	2 1/2", 3"			X	5th	01/10/81	2002
	*	709QT	3/4", 1"			X	6th	08/04/82	2000
	*	709QT	1 1/2", 2"			X	6th	04/27/82	2000
		709BB	2 1/2", 3"			X	6th	07/20/82	2000
		709	2 1/2", 3"	X	X	X	7th	06/12/86	2001
		709	4"	X	X	X	6th	01/15/82	2003
Vertical Up		709	4"		X	X	8th	03/11/96	2002
		709	6"	X	X	X	6th	05/18/82	2000
		709	8"	X	X	X	6th	07/06/81	2002
		709	10"	X	X	X	6th	03/16/83	2001
Vertical Up		709	6", 8", 10"		X	X	8th	12/05/96	2002
		709QT-FDA	2 1/2", 3", 4", 6", 8", 10"			X	8th	09/30/90	2002
Horizontal & Vertical Up		757a	2 1/2", 3", 4"		X	X	9th	10/07/02	
Horizontal & Vertical Up		767a	2 1/2", 3"		X	X	9th	10/07/02	
	*	770	4"			X	8th	05/20/92	2001
	*	770	8"			X	8th	01/13/93	2002
	*	770QT-FDA	4", 8"			X	8th	01/13/93	2002
	*	772	4"			X	8th	07/01/92	2001
	*	772	10"			X	8th	01/13/93	2002
	*	774	3/4", 1"		X	X	8th	05/05/95	2001
	*	774	1 1/4"		X	X	8th	07/14/95	2001
	*	774	1 1/2", 2"		X	X	8th	10/13/95	2001
		774	2 1/2", 3", 4"		X	X	8th	07/11/91	2000
		774	6"		X	X	8th	09/09/92	2001
		774	8"		X	X	8th	09/16/96	2002
		774	10"		X	X	8th	02/16/01	
		774X	2 1/2"		X	X	8th	09/10/96	2002
		774X	6"		X	X	8th	11/22/93	2002
		774X	8"		X	X	8th	09/09/92	2001
Horizontal & Vertical Up		775QT	1"	X	X	X	9th	08/12/99	2002
Horizontal & Vertical Up		775QT	1/2", 3/4"	X	X	X	9th	02/01/00	

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				P	S	S			
				O	E	C			
Horizontal & Vertical Up		775QT	1 1/4", 1 1/2"	X	X	X	9th	09/07/00	
Horizontal & Vertical Up		775QT	2"	X	X	X	9th	03/28/02	
Horizontal & Vertical Up		SS007M1QT	1"		X	X	9th	05/18/98	2001
		SS007M2QT	3/4"	X	X				
Horizontal & Vertical Up		SS007M3QT	1/2"	X	X	X	9th	09/11/00	
Horizontal & Vertical Up		SS007M3QT	3/4"	X	X	X	9th	09/07/00	
Horizontal & Vertical Up		U007QT	1/2"		X	X	9th	03/08/99	2002
	*	U007QT	3/4", 1"			X	7th	01/11/88	2003
	*	U007QT	1 1/2", 2"			X	7th	07/21/88	2000
	*	U007PCQT	3/4", 1"			X	8th	12/10/93	2002
	*	U007PCQT	1 1/2", 2"			X	8th	09/27/94	2000
		U007M1AQT	3/4", 2"	X	X	X	8th	02/24/94	2000
		U007M1APCQT	3/4"			X	8th	12/10/94	2000
		U007M1APCQT	2"			X	8th	09/27/94	2000
		U007M1PCQT	3/4", 1"			X	8th	12/10/93	2002
		U007M1PCQT	1 1/2", 2"			X	8th	09/27/94	2000
		U007M1QT	3/4", 1"		X	X	8th	08/30/93	2002
	*	U007M1QT	1 1/2"		X	X	8th	10/20/93	2002
		U007M1QT	2"		X	X	8th	10/20/93	2002
		U007M2AQT	1 1/2"	X	X	X	8th	09/06/94	2000
		U007M2QT	1 1/4"		X	X	8th	10/01/96	2002
		U007M2QT	1 1/2"		X	X	8th	09/06/94	2000
	*	U007SSQT	3/4", 1"			X	7th	01/11/88	2003
	*	U007SSQT	1 1/2", 2"			X	7th	07/21/88	2000
	*	U007SSPCQT	3/4", 1"			X	8th	12/10/93	2002
	*	U007SSPCQT	1 1/2", 2"			X	8th	09/27/94	2000
<b>Wilkins</b>		350	2 1/2", 3"	X	X	X	9th	09/05/01	
	Vertical Up	350	2 1/2", 3"	X	X	X	9th	04/03/02	
		350	4"	X	X	X	9th	09/15/99	2002
	Vertical Up	350	4"	X	X	X	9th	09/07/00	
		350	6"	X	X	X	9th	10/18/99	2002
	Vertical Up	350	6"	X	X	X	9th	12/17/99	2002
		350	8"	X	X	X	9th	03/08/02	
	Vertical Up	350	8"	X	X	X	9th	01/16/03	
		350	10"		X	X	9th	08/28/02	
	Horizontal & Vertical Up	350G	2 1/2", 3"			X	9th	04/03/02	
		350G	4"			X	9th	04/10/00	

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Vertical Up		350G	4"			X	9th	12/13/00	
Horizontal & Vertical Up		350G	6"			X	9th	04/10/00	
		350G	8"			X	9th	03/08/02	
Horizontal & Vertical Up		350GPI	4", 6"			X	9th	07/31/01	
Horizontal & Vertical Up		350PI	4", 6"			X	9th	07/31/01	
V-up inlet, V-down outlet		450	2 1/2"	X		X	9th	01/24/02	
V-up inlet, V-down outlet		450	3"	X		X	9th	01/24/02	
V-up inlet, V-down outlet		450	4"	X	X	X	9th	04/12/00	
V-up inlet, V-down outlet		450	6"	X	X	X	9th	05/24/00	
V-up inlet, V-down outlet		450G	2 1/2", 3"			X	9th	01/24/02	
V-up inlet, V-down outlet		450G	4", 6"			X	9th	08/25/00	
	*	550	3/4", 1"	X		X	5th	10/05/76	2000
	*	550A	3/4", 1"	X		X	7th	04/17/87	2002
	*	550	1 1/4", 1 1/2", 2"	X		X	5th	10/11/76	2000
	*	550	2 1/2"	X		X	7th	09/25/86	2001
	*	550	3"	X		X	5th	08/20/79	2000
	*	550	4"	X		X	5th	06/20/80	2001
	*	550	6"	X		X	5th	07/06/81	2002
(4" x 4" x 8" Manifold)	*	550 - M8	4"	X		X	8th	03/15/89	2001
(6" x 6" x 10" Manifold)	*	550 - M10 (Formerly MBD)	6"	X		X	8th	04/11/83	2001
		950	3/4", 1"	X	X	X	8th	07/18/91	2000
		950	1 1/4", 1 1/2", 2"	X	X	X	8th	04/05/91	2000
Horizontal & Vertical Up		950G	4", 6"			X	8th	03/27/00	
		950XL	3/4", 1", 1 1/4", 1 1/2", 2"	X	X	X	8th	11/02/92	2001
Vertical Up		950XL	3/4"		X	X	8th	12/12/96	2002
		950XLD	3/4"	X		X	9th	09/15/99	2002
Vertical Up		950XLD	3/4"			X	9th	01/05/00	2003
		950XLT	3/4", 1"	X	X	X	9th	05/09/97	2000
		950XLT	1 1/4"	X	X	X	9th	06/19/98	2001
		950XLT	1 1/2", 2"	X	X	X	9th	04/09/98	2001
		950XLU	3/4", 1", 1 1/4", 1 1/2", 2"	X	X	X	8th	02/15/94	2000
		950	2 1/2"	X	X	X	8th	11/26/91	2000
		950	3", 4"	X	X	X	8th	11/08/91	2000
		950	6"	X	X	X	8th	03/18/92	2001
		950	8"	X	X	X	8th	03/18/89	2001
		950	10"	X	X	X	8th	04/12/94	2000
Vertical Up		950	4", 6", 8"		X	X	8th	08/29/95	2001
		950A	3/4", 1", 1 1/4", 1 1/2", 2"			X	8th	07/18/91	2000

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<b>DOUBLE CHECK DETECTOR ASSEMBLIES</b>									
<b>Ames</b>	*	DCDC	4", 6"			X	6th	06/14/85	2000
	*	DCDC	8"			X	7th	08/04/87	2002
Horizontal & Vertical Up		3000 B	2"		X	X	9th	06/16/97	2000
		3000 CIV	4", 6"		X	X	6th	07/27/87	2002
Vertical Up		3000 CIV	4"		X	X	8th	08/27/96	2002
		3000 CIV	8"		X	X	6th	04/19/87	2002
		3000 CIV	10"		X	X	6th	07/27/87	2002
Vertical Up		3000 CIV	6", 8", 10"		X	X	8th	12/05/96	2002
		3000-DCDC	10"			X	7th	08/04/87	2002
	*	3000-G-DCDC	10"			X	7th	08/04/87	2002
(Formerly DCDA)	*	3000 DCDA	4"			X	7th	01/11/88	2003
(Formerly DCDA-1)	*	3000 DCDA	6"			X	7th	01/11/88	2003
(Formerly DCDA)	*	3000 DCDA	8"			X	7th	01/11/88	2003
	*	3000-G-DCDA	4"			X	7th	01/11/88	2003
	*	3000-G-DCDA	6"			X	7th	01/11/88	2003
	*	3000-G-DCDA	8"			X	7th	01/11/88	2003
		3000 SE	2 1/2"			X	8th	09/10/96	2002
		3000 SE	6"		X	X	8th	05/24/95	2001
		3000 SE	8"		X	X	8th	09/09/92	2001
	*	3000 SE-A	8"			X	8th	05/05/95	2001
		3000 SS	2 1/2", 3", 4"		X	X	8th	05/24/95	2001
		3000 SS	6"		X	X	8th	09/09/92	2001
		3000 SS	8"		X	X	8th	09/16/96	2002
		3000 SS	10"		X	X	8th	02/16/01	
	*	3000 SS-A	6"			X	8th	05/05/95	2001
	*	3000 SS-M	4"			X	8th	05/05/95	2001
		3000 SS-M	6"			X	8th	05/05/95	2001
		3000 SS-WM1	2 1/2", 3"			X	8th	07/11/91	2000
		3000 SS-WM1	4"			X	8th	07/11/91	2000
		3000 SE-WM1	6"			X	8th	11/22/93	2002
<b>Cla-Val</b>		DD7LY	3"			X	8th	09/26/88	2000
		DD7LY	4", 6", 8", 10"			X	7th	07/10/87	2002
		DD8LY	4", 6"			X	8th	05/04/94	2000

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Vertical Up		DD8LY	4", 6"			X	8th	04/23/96	2002
		DD8LY	8"			X	8th	10/04/95	2001
	*	DD8NY	2 1/2", 3"			X	8th	03/10/95	2001
	*	DD8NY	4", 6"			X	8th	05/04/94	2000
	*	DD8NY	8"			X	8th	05/24/95	2001
	*	DD8NY	10"			X	8th	10/04/96	2002
N & Z Configurations		DD8VY	2 1/2", 3", 4", 6"			X	8th	3/8/19996	2002
N & Z Configurations		DD8VY	8"			X	8th	01/06/97	2003
N & Z Configurations		DD8VY	10"			X	8th	07/11/97	2000
<b>Conbraco</b>									
Horizontal & Vertical Up		2 1/2DCDA	2 1/2"			X	9th	10/16/00	
Horizontal & Vertical Up		2 1/2DCDA-6	2 1/2"			X	9th	04/10/01	
V-up inlet, V-down outlet		2 1/2DCDAU	2 1/2"		X	X	9th	04/10/01	
Horizontal & Vertical Up		3DCDA	3"		X	X	9th	10/16/00	
Horizontal & Vertical Up		3DCDA-6	3"			X	9th	04/10/01	
V-up inlet, V-down outlet		3DCDAU	3"			X	9th	04/10/01	
Horizontal & Vertical Up		4DCDA	4"		X	X	9th	10/16/00	
Horizontal & Vertical Up		4DCDA-6	4"			X	9th	04/10/01	
V-up inlet, V-down outlet		4DCDAU	4"			X	9th	04/10/01	
Horizontal & Vertical Up		6DCDA	6"		X	X	9th	10/16/00	
Horizontal & Vertical Up		6DCDA-6	6"			X	9th	04/10/01	
V-up inlet, V-down outlet		6DCDAU	6"			X	9th	04/10/01	
Horizontal & Vertical Up		8DCDA	8"		X	X	9th	01/16/03	
Horizontal & Vertical Up		10DCDA	10"		X	X	9th	01/16/03	
(Formerly 40-600-03)		40-600-C3	3"		X	X	8th	08/20/96	2002
(Formerly 40-600-03)		40-600-E3	3"			X	8th	08/20/96	2002
(Formerly 40-60A-03)		40-60A-C3	4"		X	X	8th	04/13/93	2002
		40-60A-C6	4"			X	8th	02/01/00	
(Formerly 40-60A-03)		40-60A-E3	4"			X	8th	04/13/93	2002
		40-60A-E6	4"			X	8th	02/01/00	
(Formerly 40-60C-03)		40-60-C3	6"			X	8th	06/02/93	2002
		40-60C-C6	6"			X	8th	02/01/00	
(Formerly 40-60C-03)		40-60C-E3	6"			X	8th	06/02/93	2002
		40-60C-E6	6"			X	8th	02/01/00	
(Formerly 40-60E-03)		40-60E-C3	8"			X	8th	04/13/93	2002
(Formerly 40-600-03)		40-60E-C6	8"			X	8th	02/01/00	
(Formerly 40-60E-03)		40-60E-E3	8"			X	8th	04/13/93	2002

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		40-60E-E6	8"			X	8th	02/01/00	
(Formerly 40-60G-03)		40-60G-C3	10"			X	8th	04/13/93	2002
		40-60G-C6	10"			X	8th	02/01/00	
(Formerly 40-60G-03)		40-60G-E3	10"			X	8th	04/13/93	2002
		40-60G-E6	10"			X	8th	02/01/00	
<b>Febco</b>	*	806	4"			X	6th	08/04/83	2001
	*	806	6", 8", 10"			X	6th	05/13/82	2000
(Formerly 806 Type YD)		806YD	3"			X	8th	09/26/88	2000
(Formerly 806 Type YD)		806YD	4", 6", 8", 10"			X	7th	07/10/87	2002
		856	2 1/2", 3"		X	X	8th	03/19/97	2000
Vertical Up		856	2 1/2", 3"		X	X	8th	01/05/00	2003
		856	4", 6"		X	X	8th	05/04/94	2000
Vertical Up		856	4", 6"		X	X	8th	04/16/96	2002
		856	8"		X	X	8th	10/04/95	2001
Vertical Up		856	8"		X	X	8th	01/05/00	2003
		876	2 1/2", 3"		X	X	8th	03/10/95	2001
		876	4", 6"		X	X	8th	05/04/94	2000
		876	8"		X	X	8th	05/24/95	2001
		876	10"		X	X	8th	10/04/96	2002
N & Z Configurations		876V	2 1/2", 3", 4", 6"		X	X	8th	03/08/96	2002
N & Z Configurations		876V	8"		X	X	8th	01/06/97	2003
N & Z Configurations		876V	10"			X	8th	07/11/97	2000
<b>Hersey/Grinnell</b>		DDC-II	3"		X	X	6th	01/31/85	2003
		DDC-II	4", 6"		X	X	6th	04/10/80	03/18/01
		DDC-II	8"		X	X	6th	07/06/81	2002
		DDC-II	10"			X	7th	03/14/86	2001
<b>Watts</b>		007 DCDA	2"		X	X	8th	04/19/96	
		007 DCDA	2"		X	X	9th	06/16/97	2000
Vertical Up		007 DCDA	2"		X	X	8th	09/10/96	
Vertical Up		007 DCDA	2"		X	X	9th	06/16/97	2000
		007 DCDA	2 1/2"		X	X	8th	10/11/93	2002
Vertical Up		007 DCDA	2 1/2"			X	8th	08/27/96	2002
		007 DCDA	3"		X	X	8th	09/19/92	2001
	*	007 DCDA	4", 6"			X	8th	02/01/95	2001
(Formerly 709 DDC)		709 DCDA	3"		X	X	6th	04/19/87	2002

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Vertical Up		709 DCDA	4", 6"		X	X	6th	07/27/87	2002
		709 DCDA	4"		X	X	8th	08/27/96	2002
		709 DCDA	8"		X	X	6th	04/19/87	2002
		709 DCDA	10"		X	X	6th	07/27/87	2002
		709 DCDA	6", 8", 10"			X	8th	12/05/96	2002
	*	770 DCDA	4"			X	8th	05/20/92	2001
	*	770 DCDA	8"			X	8th	01/13/93	2002
	*	772 DCDA	4"			X	8th	08/01/92	2001
	*	772 DCDA	10"			X	8th	01/13/93	2002
		774 DCDA	2 1/2", 3", 4"		X	X	8th	05/24/95	2001
		774 DCDA	6"			X	8th	09/09/92	2001
		774 DCDA	8"		X	X	8th	09/16/96	2002
		774 DCDA	10"		X	X	8th	02/16/01	
		774 XDCDA	2 1/2"		X	X	8th	09/10/96	2002
		774 XDCDA	6"		X	X	8th	05/24/95	2001
		774 XDCDA	8"		X	X	8th	09/09/92	2001
<b>Wilkins</b>		350DA	2 1/2", 3"		X	X	9th	04/03/02	
	Vertical Up	350DA	2 1/2", 3"		X	X	9th	10/08/02	
		350DA	4"		X	X	9th	09/15/99	2002
	Vertical Up	350DA	4"		X	X	9th	09/09/00	
		350DA	6"		X	X	9th	10/18/99	2002
	Vertical Up	350DA	6"		X	X	9th	01/05/00	2002
		350DA	8"		X	X	9th	07/03/02	
	Vertical Up	350DA	8"		X	X	9th	01/16/03	
		350DA	10"			X	9th	08/28/02	
		350DAG	4"			X	9th	04/10/00	
	Vertical Up	350DAG	4"			X	9th	12/13/00	
	Horizontal & Vertical Up	350DAG	6"			X	9th	04/10/00	
	Horizontal & Vertical Up	350DAGPI	4", 6"			X	9th	07/31/01	
	Horizontal & Vertical Up	350DAPI	4", 6"			X	9th	07/31/01	
	V-up inlet, V-down outlet	450DA	4"		X	X	9th	04/12/00	
	V-up inlet, V-down outlet	450DA	6"		X	X	9th	05/24/00	
	V-up inlet, V-down outlet	450DAG	4"			X	9th	08/25/00	
	V-up inlet, V-down outlet	450DAG	6"			X	9th	08/25/00	
		950DA	2 1/2", 3"		X	X	8th	01/02/94	2003
		950DA	4", 8"		X	X	8th	06/09/93	2002
	Vertical Up	950DA	4", 8"		X	X	8th	12/12/96	2002

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		950DA	6"		X	X	8th	06/09/93	2002
Vertical Up		950DA	2 1/2", 3", 6"		X	X	8th	12/12/93	2002
		950DA	10"		X	X	8th	06/23/94	2000
		950DAG	4"			X	8th	03/27/00	
Vertical Up		950DAG	4"			X	8th	03/27/00	
		950DAG	6"			X	8th	03/27/00	
Vertical Up		950DAG	6"			X	8th	03/27/00	
	*	DCDA	2 1/2", 3"			X	7th	03/05/87	2002
	*	DCDA	4"			X	7th	05/18/88	2000
	*	DCDA	6"			X	7th	06/02/88	2000
<b>REDUCED PRESSURE PRINCIPLE ASSEMBLIES</b>									
<b>Ames Company</b>		4000B	1/2"		X	X	8th/9th	09/10/93	2002
		4000B	3/4"		X	X	8th	10/31/92	2001
		4000B	1"		X	X	7th	01/11/88	2003
		4000B	1 1/4", 1 1/2"		X	X	8th	08/24/93	2002
		4000B	2"		X	X	9th	09/10/96	2002
		4000BM2	1"		X	X	9th	05/18/98	2001
		4000BM3	3/4"		X	X	9th	03/27/00	
		4000CIV	2 1/2", 3"		X	X	7th	07/07/00	
		4000CIV	4", 6"		X	X	6th	06/19/00	
		4000CIV	8", 10"			X	8th	06/19/00	
		4000SS	2 1/2", 3", 4"		X	X	8th	04/15/94	2000
		4000SS	6"		X	X	8th	09/22/97	2000
		4000RP (RP)	4", 6", 8", 10"		X	X	7th	10/13/87	2002
		Colt 400	2 1/2", 3", 4"		X	X	9th	10/07/02	
		Maxim 400	2 1/2", 3"		X	X	9th	10/07/02	
<b>Beeco - See Hersey/Grinnell</b>									
<b>Buckner</b>	*	24000	3/4"			X	8th	03/14/94	2000
	*	24001	1"			X	8th	03/14/00	2000
	*	24002	1 1/4"			X	8th	07/18/91	2000
	*	24003	1 1/2"			X	8th	07/18/91	2000
	*	24004	2"			X	8th	07/18/91	2000
	*	24000/25	3/4"	X		X	8th	03/14/94	2000



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	*	24001/25	1"	X		X	8th	03/14/94	2000
	*	24002/25	1 1/4"	X		X	8th	07/18/94	2000
	*	24003/25	1 1/2"	X		X	8th	07/18/91	2000
	*	24004/25	2"	X		X	8th	07/18/91	2000
<b>Cla-Val</b>		RP-2	3/4", 1"			X	4th	02/06/74	03/18/01
		RP-2	1 1/4", 1 1/2"			X	5th	08/13/76	10/05/00
		RP-4	6"			X	7th	08/07/87	2002
		RP-4	2"			X	8th	06/22/89	2002
		RP-4	2 1/2", 3", 4", 8", 10"			X	8th	06/22/89	2001
vertical installation, flow up		RP4V	4"			X	8th	03/15/90	2002
		RP6LW	3/4", 1"			X	6th	03/19/82	2001
		RP6LW	1 1/4"			X	6th	06/03/82	2000
		RP6LW	1 1/2", 2"			X	6th	08/06/82	2000
		RP6VW	3/4", 1"			X	8th	03/05/90	2002
		RP6VW	1 1/2", 2"			X	8th	05/08/89	2001
		RP7LW	2 1/2", 3", 4", 6", 8", 10"			X	7th	02/24/89	2001
		RP7LY	2 1/2", 3", 4", 6", 8", 10"			X	7th	02/24/89	2001
		RP8LW	2 1/2", 3"			X	8th	04/23/96	2002
		RP8LW	4"			X	8th	05/31/95	2001
		RP8LW	6"			X	8th	08/07/95	2001
		RP8LW	8"			X	8th	10/04/95	2001
		RP8LY	2 1/2", 3"			X	8th	04/23/96	2002
		RP8LY	4"			X	8th	05/31/95	2001
		RP8LY	6"			X	8th	08/07/95	2001
		RP8LY	8"			X	8th	10/04/95	2001
	*	RP8NW	2 1/2", 3"			X	8th	05/24/95	2001
	*	RP8NW	4"			X	8th	03/10/95	2001
	*	RP8NW	6", 8"			X	8th	05/19/95	2001
	*	RP8NW	10"			X	8th	10/04/97	2000
	*	RP8NY	2 1/2", 3"			X	8th	05/24/95	2001
	*	RP8NY	4"			X	8th	03/10/95	2001
	*	RP8NY	6", 8"			X	8th	05/19/95	2001
	*	RP8NY	10"			X	8th	10/04/97	2000
N,Z Configurations		RP8VW	2 1/2", 3"			X	8th	06/30/95	2001
N,Z Configurations		RP8VW	4"			X	8th	08/08/95	2001
N,Z Configurations		RP8VW	6"			X	8th	07/05/95	2001
N,Z Configurations		RP8VW	8"			X	8th	12/10/96	1999

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N,Z Configurations		RP8VW	10"			X	8th	06/17/97	2000
N,Z Configurations		RP8VY	2 1/2", 3"			X	8th	06/30/95	2001
N,Z Configurations		RP8VY	4"			X	8th	08/08/95	2001
N,Z Configurations		RP8VY	6"			X	8th	07/05/95	2001
N,Z Configurations		RP8VY	8"			X	8th	12/18/96	1999
N,Z Configurations		RP8VY	10"			X	8th	06/17/97	2000
<b>Conbraco</b>		40-200	3"	X	X				
		40-200-02	3"			X	8th	04/08/91	2000
		40-200-03	3"			X	8th	04/08/91	2000
		40-200-05	3"			X	8th	12/08/98	2001
		40-201-02	1/4"			X	8th	05/03/91	2000
		40-201-A2	1/4"		X	X	8th	04/19/96	2002
		40-201-A2S	1/4"		X	X	8th	04/19/96	2002
		40-201-T2 (40-201-99T)	1/4"			X	8th	09/16/98	2001
		40-202-02	3/8"		X	X	8th	05/03/91	2000
		40-202-A2	3/8"		X	X	8th	04/19/96	2002
		40-202-A2S	3/8"		X	X	8th	04/19/96	2002
		40-202-T2 (40-202-99T)	3/8"			X	8th	09/16/98	2001
		40-203-02	1/2"		X	X	8th	05/03/91	2000
		40-203-A2	1/2"		X	X	8th	04/19/96	2002
		40-203-A2S	1/2"		X	X	8th	04/19/96	2002
		40-203-T2 (40-203-99T0	1/2"			X	8th	09/16/98	2001
		40-204	3/4"	X	X				
		40-204-02	3/4"			X	8th	05/08/98	2001
		40-204-T2 (40-204-99T)	3/4"			X	8th	09/16/98	2001
		40-204-A2	3/4"		X	X	8th	11/27/91	2000
		40-204-A2S	3/4"		X	X	8th	08/16/94	2000
		40-204-A2U	3/4"			X	8th	11/06/92	2001
		40-204-A2Z	3/4"		X	X	8th	11/06/92	2001
		40-204-TC2	3/4"		X	X	8th	11/30/98	2001
		40-204-TCU	3/4"		X	X	8th	11/30/98	2001
		40-205	1"	X	X				
		40-205-02	1"			X	8th	05/08/89	2001
		40-205-T2 (40-205-99T)	1"		X	X	8th	09/16/98	2001
		40-205-A2	1"		X	X	8th	11/27/91	2000
		40-205-A2S	1"			X	8th	08/16/94	2000
		40-205-A2U	1"		X	X	8th	09/15/93	2002

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				P	S	S			
O									
		40-205-A2Z	1"		X	X	8th	09/15/93	2002
		40-205-TC2	1"		X	X	8th	11/30/98	2001
		40-205-TCU	1"		X	X	8th	11/30/98	2001
		40-206-02	1 1/4"			X	8th	04/06/92	2001
		40-206A2	1 1/4"	X	X	X	8th	06/21/93	2002
		40-206-A2U	1 1/4"		X	X	8th	02/02/95	2001
		40-206-A2Z	1 1/4"		X	X	8th	02/02/95	2001
		40-206-T2 (40-206-99T)	1 1/4"		X	X	8th	09/16/98	2001
		40-207	1 1/2"	X	X		.		
		40-207-02	1 1/2"			X	8th	03/17/89	2001
		40-207-A2	1 1/2"		X	X	8th	09/16/92	2001
		40-207-A2U	1 1/2"		X	X	8th	02/02/95	2001
		40-207-A2Z	1 1/2"		X	X	8th	02/02/95	2001
		40-207-T2 (40-207-99T)	1 1/2"		X	X	8th	09/16/98	2001
		40-208	2"	X	X				
		40-208-02	2"			X	8th	03/17/89	2001
		40-208-A2	2"		X	X	8th	09/16/92	2001
		40-208-A4	2"			X	8th	05/24/00	
		40-208-A2U	2"		X	X	8th	02/02/95	2001
		40-208-A2Z	2"		X	X	8th	02/02/95	2001
		40-208-T2 (40-208-99T)	2"		X	X	8th	09/16/98	2001
		40-209	2 1/2"	X	X				
		40-209-02	2 1/2"			X	8th	04/08/91	2000
		40-209-03	2 1/2"			X	8th	04/08/91	2000
		40-209-05	2 1/2"			X	8th	12/08/98	2001
		40-20A	4"	X	X				
		40-20A-02	4"			X	8th	04/08/91	2000
		40-20A-03	4"			X	8th	04/08/91	2000
		40-20A-05	4"			X	8th	12/08/98	2001
		40-20C-02	6"			X	8th	04/08/91	2000
		40-20C-03	6"			X	8th	04/08/91	2000
		40-20C-05	6"		X	X	8th	12/08/98	2001
		40-20E-02	8"		X	X	8th	10/22/91	2000
		40-20E-03	8"			X	8th	10/22/92	2001
		40-20G-02	10"		X	X	8th	04/13/93	2002
		40-20G-03	10"			X	8th	04/13/93	2002
<b>Febco</b>	*	825	2 1/2"			X	5th	03/17/75	2002

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	*	825	3"			X	5th	06/16/75	2002
	*	825	4"			X	5th	06/12/75	2002
	*	825	6"			X	5th	06/06/75	2002
	*	825	8"			X	5th	11/11/75	2002
	*	825	10"			X	5th	03/12/79	2000
	*	835B	3/4", 1", 1 1/2", 2"			X	5th	03/06/79	2000
(Formerly 825 Type D)	*	825D	2 1/2", 3", 4", 6", 8", 10"			X	7th	09/13/87	2002
		825Y	3/4", 1"	X	X	X	6th	03/19/82	2000
		825Y	1 1/4"			X	6th	06/03/82	2000
		825Y	1 1/2"	X	X	X	6th	08/06/82	2000
		825Y	2"	X	X	X	6th	08/06/82	2000
		825YA	3/4", 1"		X	X	8th	03/05/90	2002
		825YA	1 1/2"		X	X	8th	05/08/89	2001
		825YA	2"		X	X	8th	05/08/89	2001
		825YAR	3/4"			X	8th	01/22/93	2002
		825YAR	1"			X	8th	01/21/93	2002
		825YAR	1 1/2"			X	8th	08/19/93	2002
		825YAR	2"			X	8th	08/19/93	2002
		825YD	2 1/2", 3", 4", 6", 8" 10"	X	X	X	7th	02/24/89	2001
		825YR	3/4", 1"			X	8th	01/22/93	2002
		825YR	1 1/2"			X	8th	07/23/93	2002
		825YR	2"			X	8th	07/23/93	2002
		860	1/2"		X	X	9th	04/09/98	2001
		860	3/4", 1"		X	X	9th	11/21/97	2000
		860	1 1/4"		X	X	9th	06/04/98	2001
		860	1 1/2"		X	X	9th	04/09/98	2001
		860	2"		X	X	9th	04/09/98	2001
		860	2 1/2", 3"		X	X	8th	04/19/96	2002
		860	4"	X	X	X	8th	05/31/95	2001
		860	6"	X	X	X	8th	08/07/95	2001
		860	8"		X	X	8th	10/04/95	2001
		860U	1/2" - 2"		X	X	8th	10/12/98	2001
		880	2 1/2", 3"		X	X	8th	05/24/95	2001
		880	4"	X	X	X	8th	03/10/95	2001
		880	6", 8"	X	X	X	8th	05/19/95	2001
		880	10"		X	X	8th	10/04/96	2002
N & Z Configurations		880V	2 1/2", 3"		X	X	8th	06/30/95	2001
N & Z Configurations		880V	4"		X	X	8th	08/08/95	2001

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N & Z Configurations		880V	6"		X	X	8th	07/05/95	2001
N & Z Configurations		880V	8"		X	X	8th	12/18/97	2000
N & Z Configurations		880V	10"		X	X	8th	06/17/97	2000
<b>Flomatic</b>		RPZ	3/4", 1"		X	X	8th	06/07/94	2000
		RPZ	1 1/2", 2"		X	X	8th	05/10/95	2001
		RPZ	2 1/2", 3"		X	X	8th	02/14/97	2000
		RPZ	4"		X	X	9th	01/28/99	2001
		RPZ	6"		X	X	9th	01/31/02	
		RPZE	3/4", 1", 1 1/2", 2"			X	8th	06/07/01	
		RPZ-II	1/2", 3/4"			X	8th	08/15/97	2000
		RPZ-IIIE	1/2", 3/4"			X	8th	06/07/01	
<b>Hersey/Grinnell</b>		6CM	2 1/2"		X	X	6th	08/12/83	2001
		6CM	3"		X	X	5th	12/01/78	2002
		6CM	4"		X	X	5th	12/21/78	2002
		6CM	6"		X	X	5th	12/27/78	2002
		6CM	8"		X	X	5th	02/10/81	2002
		6CM	10"		X	X	6th	02/19/82	2000
		FRP-II	3/4", 1"		X	X	5th	12/15/78	2002
		FRP-II	1 1/2"		X	X	5th	03/18/80	2001
		FRP-II	2"		X	X	5th	05/05/80	2001
		FRP-II	1 1/4"		X	X	6th	01/21/81	2002
		6CM Bronze	2 1/2"		X	X	5th	11/30/78	2002
		6CM Bronze	3", 4"		X	X	6th	08/06/80	2001
		6CM Bronze	6"		X	X	6th	12/23/80	2001
<b>Neptune - See Wilkins</b>									
<b>Richwell - See Wilkins</b>									
<b>Watts</b>		009	2 1/2"		X	X	8th	08/31/90	2002
		009	3"		X	X	8th	08/31/90	2002
		009	4", 6"			X	8th	02/17/95	2001
		009M1QT	1 1/4", 1 1/2"			X	8th	06/30/92	2001
		009M1QT	2"			X	8th	12/19/91	2000
		009M1PCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
		009M2QT	3/4"	X		X	8th	10/31/92	2001

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		009M2QT	1"	X	X	X	9th	05/18/98	2001
		009M2QT	1 1/4", 1 1/2"	X		X	8th	08/24/93	2002
		009M2QT	2"	X	X	X	9th	09/10/96	2002
		009M2PCQT	3/4"			X	8th	10/07/02	
		009M2PCQT	1"			X	9th	01/15/99	2002
		009M2PCQT	1 1/4", 1 1/2"			X	8th	09/12/94	2000
		009M2PCQT	2"			X	9th	08/26/97	2000
		009M3QT	3/4"	X	X	X	9th	10/18/99	2002
		009PCQT	3/4"			X	8th	12/10/93	2002
	*	009PCQT	1"			X	8th	12/10/93	2002
		009PCQT	1/2"			X	8th	02/17/95	2001
	*	009PCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
		009QT	1/4", 3/8"	X	X	X	8th	08/07/95	2001
		009QT	1/2"	X		X	9th	09/10/96	2002
		009QT	3/4"	X		X	7th	01/11/88	2003
	*	009QT	1"	X		X	7th	01/11/88	2003
	*	009QT	1 1/4", 1 1/2", 2"			X	7th	08/09/88	2000
	*	009SSM1QT	2"			X	8th	12/19/91	2000
	*	009M1PCQT	2"			X	8th	09/27/94	2000
	*	009SSPCQT	3/4", 1"			X	8th	12/10/93	2002
	*	009SSPCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
	*	009SSQT	3/4", 1"			X	7th	01/11/88	2003
	*	009SSQT	1 1/4", 1 1/2", 2"			X	7th	08/09/88	2000
		909	2 1/2"		X	X	7th	06/12/86	2001
		909	3"		X	X	7th	06/12/86	2001
		909	4"		X	X	6th	01/15/82	2003
		909	6"		X	X	6th	07/06/81	2002
	*	909	8", 10"			X	6th	07/06/81	2002
		909BB	2 1/2", 3"		X	X	6th	02/04/83	2001
		909HWQT	3/4", 1"			X	5th	09/29/79	2000
		909HWM1QT (909HWQT)	1 1/4", 1 1/2", 2"			X	5th	02/07/80	2001
		909M1	8", 10"		X	X	8th	05/01/89	2001
		909M1QT (909QT)	1 1/4", 1 1/2", 2"	X		X	6th	01/15/82	2003
		909M1QTFDA	8", 10"	X		X	8th	10/15/90	2002
		909PCHWM1QT	1 1/4", 1 1/2", 2"			X	8th	02/02/95	2001
		909PCHWQT	3/4", 1"			X	8th	02/02/95	2001
		909PCM1QT	1 1/4", 1 1/2", 2"			X	8th	02/02/95	2001
		909PCQT	3/4", 1"			X	8th	02/02/95	

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s/n 464100 and higher		909PCQT	3/4", 1"			X	9th	10/09/98	2001
Vertical Up (s/n 464100 and higher)		909PCQT	3/4", 1"			X	9th	10/09/98	2001
s/n 461650 and higher		909QT	3/4", 1"			X	9th	06/18/98	2001
		909QT	3/4", 1"	X		X	6th	01/15/82	
Vertical Up		909QT	3/4", 1"			X	9th	06/18/98	2001
		909QTFDA	2 1/2", 3", 4", 6"			X	8th	10/15/90	2002
		957	2 1/2", 3", 4"		X	X	9th	10/07/02	
	*	990	4"			X	8th	11/01/92	2001
	*	990	8"			X	8th	01/13/93	2002
	*	990QTFDA	4"			X	8th	01/13/93	2002
	*	990QTFDA	8"			X	8th	01/13/93	2002
	*	992	4"			X	8th	11/01/92	2001
	*	992	10"			X	8th	01/13/93	2002
		994	2 1/2", 3", 4"		X	X	8th	04/15/94	2000
		994	6"			X	8th	09/22/97	2000
		995QT	1/2"	X	X	X	9th	04/13/00	
		995QT	3/4"	X	X	X	9th	04/13/00	
		995QT	1"	X	X	X	9th	01/14/99	2002
		995QT	1 1/4", 1 1/2"	X	X	X	9th	04/28/02	
		FAE909QT	1 1/4", 1 1/2", 2"			X	6th	01/15/82	2003
		FAE909HWQT	1 1/4", 1 1/2", 2"			X	5th	02/07/80	2001
		SS009M3QT	1/4", 3/8", 1/2"	X	X	X	9th	12/19/01	
		SS009M3QT	3/4"	X	X	X	9th	07/31/01	
		SS009QT	1"	X		X	9th	05/18/98	2001
		U009APCQT	3/4"			X	8th	12/10/93	2002
	*	U009APCQT	1"			X	8th	12/10/93	2002
		U009AQT	3/4"		X	X	8th	06/12/92	2001
	*	U009AQT	1"		X	X	8th	06/12/92	2001
	*	U009M1APCQT	1 1/2", 2"			X	8th	09/27/94	2000
	*	U009M1AQT	1 1/2"		X	X	8th	12/16/92	2001
	*	U009M1AQT	2"		X	X	8th	11/09/92	2001
		U009M1PCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
		U009M1QT	1 1/4"		X	X	8th	06/30/92	2001
	*	U009M1QT	1 1/2", 2"		X	X	8th	06/30/92	2001
		U009M2APCQT	1"		X	X	9th	01/15/99	2002
		U009M2APCQT	1 1/2"			X	8th	09/12/94	2000
		U009M2APCQT	2"		X	X	9th	08/26/97	2000
		U009M2AQT	1"		X	X	9th	01/15/99	2002

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		U009M2AQT	1 1/2"			X	8th	08/24/93	2002
		U009M2AQT	2"		X	X	9th	08/26/97	2000
		U009M2PCQT	1"		X	X	9th	01/15/99	2002
		U009M2PCQT	1 1/2"			X	8th	09/12/94	2000
		U009M2PCQT	2"		X	X	9th	08/26/97	2000
		U009M2QT	3/4"		X	X	8th	11/16/92	2001
		U009M2QT	1"			X	9th	01/15/99	2002
		U009M2QT	1 1/2"		X	X	8th	08/24/93	2002
		U009M2QT	2"			X	9th	08/26/97	2000
		U009PCQT	1/2"			X	8th	02/02/95	2001
		U009PCQT	3/4"			X	8th	12/10/93	2002
	*	U009PCQT	1"			X	8th	12/10/93	2002
	*	U009PCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
		U009QT	1/2"		X	X	8th	02/02/95	2001
	*	U009QT	3/4", 1"			X	7th	01/11/88	2003
	*	U009QT	1 1/4", 1 1/2", 2"		X	X	7th	08/09/88	2000
	*	U009SSPCQT	3/4", 1"			X	8th	12/10/93	2002
	*	U009SSPCQT	1 1/4", 1 1/2", 2"			X	8th	09/27/94	2000
	*	U009SSQT	3/4", 1"			X	7th	01/11/88	2003
	*	U009SSQT	1 1/4", 1 1/2", 2"			X	7th	08/09/88	2000
		U909QT	3/4", 1"			X	6th	01/15/82	
s/n 464100 and higher		U909QT	3/4", 1"			X	9th	10/09/98	2001
Vertical Up, s/n 464100 and higher		U909QT	3/4", 1"			X	9th	10/09/98	2001
		U909HWQT	3/4", 1"			X	5th	09/29/79	2000
<b>Wilkins</b>		375	2 1/2", 3"	X	X	X	9th	09/28/01	
		375	4"	X	X	X	9th	03/27/00	
		375G	2 1/2", 3"			X	9th	04/03/02	
		375G	4"			X	9th	04/10/00	
		375	6"	X	X	X	9th	07/27/00	
		375G	6"			X	9th	07/27/00	
		375	8"	X		X	9th	11/11/02	
		375GPI	4", 6"			X	9th	07/31/01	
		375PI	4", 6"			X	9th	07/31/01	
Vertical up inlet, Vertical down outlet		475	2 1/2"			X	9th	01/24/02	
Vertical up inlet, Vertical down outlet		475	3"			X	9th	01/24/02	
Vertical up inlet, Vertical down outlet		475	4", 6"	X	X	X	9th	07/27/00	
Vertical up inlet, Vertical down outlet		475G	2 1/2"			X	9th	01/24/02	



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Vertical up inlet, Vertical down outlet		475G	3"			X	9th	01/24/02	
Vertical up inlet, Vertical down outlet		475G	4", 6"			X	9th	08/25/00	
Vertical up inlet, Vertical up outlet		475V	2 1/2"			X	9th	01/24/02	
Vertical up inlet, Vertical up outlet		475V	3"			X	9th	01/24/02	
Vertical up inlet, Vertical up outlet		475V	4"	X		X	9th	09/09/00	
Vertical up inlet, Vertical up outlet		475V	6"	X		X	9th	05/31/01	
Vertical up inlet, Vertical down outlet		475VG	2 1/2"			X	9th	01/24/02	
Vertical up inlet, Vertical down outlet		475VG	3"			X	9th	01/24/02	
Vertical up inlet, Vertical up outlet		475VG	4"			X	9th	12/13/00	
Vertical up inlet, Vertical up outlet		475VG	6"			X	9th	08/06/01	
	*	575	3/4", 1"	X	X	X	5th	04/28/76	2000
	*	575A	3/4", 1"			X	7th	04/17/87	2002
MOD III	*	575	1 1/4", 1 1/2", 2"	X	X	X	5th	10/11/76	2000
	*	575	2 1/2"	X		X	7th	09/25/86	2001
	*	575	3"	X	X	X	5th	08/20/79	2000
	*	575	4"	X	X	X	5th	06/08/80	2001
	*	575	6"	X	X	X	6th	07/06/81	2002
(4"x4"x8" Manifold)	*	575-M8, Formerly MBC-8	M8"	X	X	X	6th	04/11/83	2001
(6"x6"x10" Manifold)	*	575-M10, Formerly MBC-10	M10"	X	X	X	6th	06/01/83	2001
		975	3/4", 1", 1 1/2", 1 1/2", 2"	X	X	X	8th	07/18/91	2000
		975	2 1/2"	X	X	X	8th	11/26/91	2000
		975	3", 4", 6"	X	X	X	8th	11/08/91	2000
		975	8", 10"	X	X	X	8th	02/06/95	2001
		975A	3/4", 1", 1 1/2", 1 1/2", 2"			X	8th	07/18/91	2000
		975BMS	2 1/2" - 10"	X	X	X	8th	06/17/97	2000
		975G	4", 6"			X	8th	03/27/00	
		975MS	2 1/2", 3", 4", 6"		X	X	8th	05/05/95	2001
		975MS	8", 10"		X	X	8th	12/05/96	2002
		975XL	1/4", 3/8", 1/2"	X	X	X	8th	07/12/94	2000
		975XL	3/4", 1", 1 1/2", 1 1/2", 2"	X	X	X	8th	11/02/92	2001
		975XLBMS	3/4", 1", 1 1/2", 1 1/2", 2"	X	X	X	8th	05/09/97	2000
		975XLD	3/4"			X	9th	10/08/02	
		975XLMS	3/4", 1", 1 1/2", 1 1/2", 2"	X	X	X	8th	08/30/94	2000
		975XLSE	3/4", 1"	X		X	9th	10/16/00	
		975XLSE	1 1/4", 1 1/2", 2"	X		X	9th	11/04/99	2002
		975XLST	3/8", 1/2"		X	X	9th	11/19/02	
		975XLSEU	3/4", 1"	X		X	9th	10/16/00	
		975XLSEU	1 1/4", 1 1/2", 2"	X	X	X	9th	03/27/00	

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		975XLU	3/4", 1", 1 1/2", 2"	X	X	X	8th	09/02/93	2002
		975XLV	3/4", 1"	X	X	X	9th	01/07/01	
<b>REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLIES</b>									
<b>Ames</b>		5000	4", 6"		X	X	8th	12/28/89	2001
		5000	8"		X	X	8th	07/01/89	2001
		5000	10"		X	X	8th	03/19/90	2002
		5000CIV	2 1/2", 3", 4", 6", 8", 10"			X	8th	07/07/00	
<b>Cla-Val</b>		18-4	10"			X	8th	08/23/90	2002
		RD7LY	2 1/2", 3"			X	8th	11/11/98	2000
		RD7LY	4"			X	8th	10/14/98	2000
		RD7LY	6"			X	8th	03/01/90	2002
		RD7LY	8", 10"			X	8th	06/22/90	2002
<b>Conbraco</b>		40-700-C3 (40-700-C3)	3"		X	X	8th	07/27/93	2002
		40-700-E3 (40-700-03)	3"			X	8th	07/27/93	2002
		40-70A-C3 (40-70A-03)	4"		X	X	8th	07/27/93	2002
		40-70A-E3 (40-70A-03)	4"			X	8th	07/27/93	2002
		40-70C-C3 (40-70C-C3)	6"		X	X	8th	10/20/93	2002
		40-70C-E3 (40-70C-03)	6"			X	8th	10/20/93	2002
		40-70E-C3 (40-70E-C3)	8"		X	X	8th	05/24/93	2002
		40-70E-E3 (40-70E-03)	8"			X	8th	05/24/93	2002
		40-70G-C3 (40-70G-03)	10"		X	X	8th	04/13/93	2002
		40-70G-E3 (40-70G-03)	10"			X	8th	04/13/93	2002
<b>Febco</b>		826YD (826 Type YD)	2 1/2", 3"		X	X	8th	11/11/88	2000
		826YD (826 Type YD)	4"		X	X	8th	10/14/88	2000
		826YD (826 Type YD)	6"		X	X	8th	03/01/90	2002
		826YD (826 Type YD)	8", 10"		X	X	8th	06/22/90	2002
<b>Hersey/Grinnell</b>		6CMDA	4", 6", 8", 10"			X	8th	12/28/89	2001
<b>Watts</b>	*	009NRS RPDA	4", 6"			X	8th	02/01/95	2001
	*	009OSY RPDA	4", 6"			X	8th	02/01/95	2001

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		909 RPDA	2 1/2"		X	X	8th	06/16/99	2002
		909 RPDA (909DDC-M2)	3"		X	X	8th	10/05/88	2000
		909 RPDA	4"		X	X	8th	02/09/88	2000
		909 RPDA (909DDC)	6"			X	8th	10/05/00	2000
		909 RPDA	8"		X	X	8th	02/14/88	2000
		909 RPDA	10"		X	X	8th	02/15/88	2000
	*	990 RPDA	4"			X	8th	01/11/92	2001
	*	990 RPDA	8"			X	8th	01/13/93	2002
	*	992 RPDA	4"			X	8th	11/01/92	2001
	*	992 RPDA	10"			X	8th	01/13/93	2002
<b>Wilkins</b>		375DA	2 1/2", 3"		X	X	9th	10/08/02	2002
		375DA	4"		X	X	9th	12/13/00	
		375DA	6"		X	X	9th	05/31/01	
		375DAG	4"			X	9th	07/31/01	
		375DAG	6"			X	9th	08/06/01	
		375DAGPI	4"			X	9th	07/31/01	
		375DAGPI	6"			X	9th	03/28/02	
		375DAPI	4"			X	9th	07/01/01	
		375DAPI	6"			X	9th	03/28/02	
	v-up inlet, v-down outlet	475DA	4"		X	X	9th	03/20/01	
	v-up inlet, v-down outlet	475DA	6"		X	X	9th	05/31/01	
	v-up inlet, v-down outlet	475DAG	4", 6"			X	9th	08/06/01	
	v-up inlet, v-up outlet	475DAV	4"		X	X	9th	03/20/01	
	v-up inlet, v-up outlet	475DAVG	4"			X	9th	08/06/01	
		975DA	2 1/2", 3"		X	X	8th	02/01/94	2000
		975DA	4"		X	X	8th	11/01/93	2002
		975DA	6"		X	X	8th	03/14/94	2000
		975DA	8"		X	X	8th	12/05/96	2002
		975DAG	4', 6"			X	8th	03/27/00	
<b><u>ATMOSPHERIC VACUUM BREAKERS</u></b>									
<b>Ames Company</b>		A100	3/4", 1"		X	X	8th	11/01/91	2000
		A100	1 1/2"		X	X	8th	09/27/91	2000
		A100	2"		X	X	8th	08/27/97	2000

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<b>Belvedere USA Corporation</b>		403		X	X				
		403L		X	X				
<b>Cach Acme/Reliance</b>		V-101, V-101C	1/2", 3/4", 1"	X	X				
<b>Champion Brass Mfg. Comp.</b>		162 (straight)	3/4", 1", 1 1/4", 1 1/2", 2"		X	X	7th	01/13/86	2001
		262	3/4", 1", 1 1/4", 1 1/2", 2"		X	X	7th	01/13/86	2001
	*	362 (angle with union)	3/4", 1"		X	X	7th	01/13/86	2001
		466P	3/4", 1"		X	X	7th	01/13/86	2001
<b>Conbraco Industries</b>		38-101-01	1/4"	X	X				
		38-102-01	3/8"	X	X				
		38-103-01	1/2"	X	X				
		38-104-01	3/4"	X	X				
		38-105-01	1"	X	X				
		38-106-01	1-1/4"	X	X				
		38-107-01	1-1/2"	X	X				
		38-108-01	2"	X	X				
		38-201	1/4"	X	X				
		38-202	3/8"	X	X				
		38-203	1/2"	X	X				
		38-204	3/4"	X	X				
		38-231	1/4"	X	X				
		38-232	3/8"	X	X				
<b>Dema Engineering Company</b>		58-1		X	X				
<b>Ecolab</b>		A-25F	1/4"	X	X				
<b>Hunter Industries</b>									
		AVB-100	1"	X	X				
<b>IMI Cash Valve</b>		V-101	1/2-2"	X	X				
<b>Rain Bird Sprinkler Mfg.</b>		075ASVF	3/4"		X	X	6th	04/22/82	2000

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		DAS - 075A	3/4"		X	X	6th	04/22/82	2000
<b>Strahman</b>		HS-Vertical	3/4"		X	X	6th	06/05/81	2002
		HS-Horizontal	3/4"		X	X	6th	09/15/81	2002
<b>Watts Regulator Company</b>		188A SR	1/4"to 3"	X	X				
		288A-M3	1 1/4"	X	X	X	8th	08/12/91	2000
		288A-M3	1 1/2"	X	X	X	8th	09/27/91	2000
		288A-M3	2"	X	X	X	8th	08/21/91	2000
		288A-M3	2 1/2"	X	X	X	8th	09/10/91	2000
		288A-M3	3"	X	X	X	8th	09/16/91	2000
		288A-M5	3/4", 1"	X	X	X	8th	11/01/91	2000
		289 SR	3/8", 1/2"	X	X				
		388A SR	1/4", 3/8"	X	X				
		N388 HF SR	3/8"	X	X				
		488A-9	1/4"	X	X				
<b><u>PRESSURE VACUUM BREAKERS</u></b>									
<b>Arrowhead Brass</b>		58	1/2"			X	6th	03/18/98	
<b>Ames</b>		A200	3/4"		X	X	8th	04/06/93	2002
		A200	1"		X	X	8th	05/25/93	2002
		A200	1 1/2", 2"		X	X	8th	06/21/93	2002
<b>Buckner</b>	*	24199	1/2"			X	8th	12/10/91	2000
	*	24200	3/4"			X	8th	12/10/91	2000
	*	24201	1"			X	8th	12/10/91	2000
	*	24202	1 1/4"			X	8th	09/09/92	2001
	*	24203	1 1/2"			X	8th	09/09/92	2001
	*	24204	2"			X	8th	09/09/92	2001
	*	24199/25	1/2"			X	8th	12/10/91	2000
	*	24200/25	3/4"			X	8th	12/10/91	2000
	*	24201/25	1"			X	8th	12/10/91	2000
	*	24202/25	1 1/4"			X	8th	09/09/92	2001

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	*	24203/25	1 1/2"			X	8th	09/09/92	2001
	*	24204/25	2"			X	8th	09/09/92	2001
<b>Champion Brass</b>									
Straight		162	3/4" - 2"			X	7th	01/13/98	
Angle		262	3/4" - 2"			X	7th	01/13/98	
Angle with Union		362	3/4", 1"			X	7th	01/13/98	
		466P	3/4", 1"			X	7th	01/13/98	
<b>Conbraco</b>									
		40-503-02	1/2"		X	X	8th	12/06/91	2000
		40-504-02	3/4"		X	X	8th	12/06/91	2000
		40-505-02	1"		X	X	8th	12/06/91	2000
		40-506-02	1 1/4"		X	X	8th	12/01/93	2002
		40-507-02	1 1/2"		X	X	8th	12/01/93	2002
		40-508-02	2"		X	X	8th	12/01/93	2002
		PVB	1/2", 3/4", 1"	X	X	X	9th	09/23/99	
		PVB	1 1/4", 1 1/2"	X	X	X	9th	10/07/02	
<b>Febco</b>									
		745	3/4", 1"			X	6th	05/10/83	2001
		765	1/2"	X	X	X	5th	03/26/74	2001
		765	3/4", 1"	X	X	X	5th	03/26/74	2001
		765	1 1/4"	X	X	X	5th	03/26/74	2001
		765	1 1/2"	X	X	X	5th	03/26/74	2001
		765	2"	X	X	X	5th	03/26/74	2001
		766	1"			X	9th	08/31/99	2002
<b>Flomatic</b>		PVB	3/4", 1"		X	X	9th	11/21/97	2000
<b>Rain Bird</b>		APAS-705	3/4"			X	6th	04/22/00	
		DAS-075	3/4"			X	6th	04/22/00	
<b>Strahman</b>									
Vertical		HS	3/4"			X	6th	06/05/99	
Horizontal		HS	3/4"			X	6th	09/05/99	

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<b>Toro Company</b>		220-03	3/4"	X	X				
		220-04	1"	X	X				
		220-13	3/4"	X	X				
		220-14	1"	X	X				
		53300	1"	X	X				
<b>Watts</b>	*	800 QT	3/4", 1"	X		X	5th	02/14/78	2002
	*	800 QT	1 1/4", 1 1/2", 2"	X		X	5th	02/14/78	2002
		800M QT	1/2", 3/4"	X	X	X	8th	07/18/89	2001
		800CM QT	1/2", 3/4"	X	X	X	8th	07/18/89	2001
	*	800M2QT	1/2", 3/4", 1"	X	X	X	8th	07/09/91	2000
	*	800M2QT	1 1/4", 1 1/2", 2"	X	X	X	8th	03/25/93	2002
	*	800 M3QT	1/2", 3/4"	X	X	X	8th	02/24/92	2001
		800 M4FR	1/2", 3/4"	X	X	X	9th	05/12/98	2001
		800 M4FR	1"	X	X	X	9th	09/01/95	2001
		800 M4FR	1 1/4", 1 1/2", 2"	X	X	X	9th	05/13/97	2000
		800 M4QT	1/2"	X		X	8th	09/06/93	2002
		800M4QT	3/4"	X		X	8th	04/06/93	2002
		800M4QT	1"	X		X	8th	05/25/93	2002
		800M4QT	1 1/4"	X		X	8th	05/24/94	2000
		800M4QT	1 1/2", 2"	X		X	8th	06/21/93	2002
<b>Wilkins</b>									
		420	1/2", 3/4"	X	X	X	9th	07/17/99	2002
		420	1"	X	X	X	9th	07/29/00	
		720A	1/2", 3/4", 1"	X	X	X	5th	08/28/78	2002
		720A	1 1/4", 1 1/2", 2"	X	X	X	5th	08/28/78	2002
<b><u>SPILL RESISTANT PRESSURE VACUUM BREAKERS</u></b>									
<b>Conbraco</b>		SVB	1/4", 3/8", 1/2"	X	X	X	9th	11/30/00	
<b>Watts</b>		008PCQT	3/8"	X	X	X	9th	11/18/98	2001
		008PCQT	1/2"	X	X	X	9th	11/18/98	2001
		008PCQT	3/4"	X	X	X	9th	06/19/00	
		008PCQT	1"	X	X	X	9th	06/19/00	

Manufacture and Approved Orientation	Spare Parts Only	Model #	Sizes	I A P M O	A S S E C	U S C	USC Approved Edition	USC Approved Date	USC Renewed Date
<b><u>HOSE BIBB VACUUM BREAKERS</u></b>									
<b>Arrowhead Brass</b>									
	59 ABP		3/4"	X	X				
<b>B &amp; K Industries</b>	108-904		3/4"	X	X				
	108-904RP		3/4"	X	X				
	108-904HC		3/4"	X	X				
	108-904LG		3/4"	X	X				
<b>Conbraco Industries</b>									
	38-404		3/4"	X	X				
	38-304-AS		3/4"	X	X				
<b>Hendrickson Brothers</b>	J - 10		3/4"	X	X				
<b>IMI Cash Valve</b>									
	VB-222		3/4"	X	X				
	V-3		3/4"	X	X				
	VB-15		3/4"	X	X				
<b>MIFAB</b>	HY-3000			X	X				
	HY-5000			X	X				
	HY-9000			X	X				
<b>Watts Regulator</b>									
	8A		3/4"	X	X				
	8B		3/4"	X	X				
	8AC		3/4"	X	X				
	8BC		3/4"	X	X				
	NF8		3/4"	X	X				
	8P		3/4"	X	X				
<b>Wilkins/Division of Zurn</b>	BFP-8		3/4"	X	X				
	BFP-8F		3/4"	X	X				



[illegible]